

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No: 10/715,667  
Applicants: David J. COSMAN, Bruce A. MOSLEY, ~~Timothy A. BIRD~~, Robert F. DUBOSE, and Steven R. WILEY  
Filing Date: November 14, 2003  
Title: HEMATOPOIETIN RECEPTORS ~~HPR1 AND HPR2~~  
Docket No.: 3160-C

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to the duty of disclosure as set forth in 37 C.F.R. §1.56, §1.97, and §1.98, Applicants hereby disclose publications known to them which may be material to the patentability of this invention. In accordance with 37 CFR 1.98(d), copies of the publications listed on page 1 of the attached Form PTO-1449 (references B1-B7 and C1-C12) are not being submitted herewith, because they were submitted in parent application 09/972,708 (attorney docket number 3160-B) in accordance with 37 CFR 1.98(a)-(c), and the 09/972,708 application is relied on for an earlier effective filing date under 35 U.S.C. § 120.

Please note that references B1-B4 and C1-C6 were cited in the International Search Report for corresponding international application PCT/US01/31634.

Reference B2 (WO 00 75314 A1) is in the Japanese language and is submitted because it was cited in the International Search Report; the International Search Report noted that WO 00 75314 A1 discloses a "human haematopoietin receptor protein NR10.3". Reference A1 (US 2003/0125520 A1) is submitted herewith; this reference is an English-language application corresponding to International Application PCT/JP00/03556, published as WO 00 75314 A1.

Reference B6 (WO 01 23556 A1) is in the Japanese language and is submitted because it discloses a series of related "human haematopoietin receptor proteins" designated NR12.1, NR12.2, NR12.3, NR12.4, and NR12.5. Reference A2 (US 2003/0009018 A1) is submitted herewith; this reference is an English-language application corresponding to International Application PCT/JP00/06654, published as WO 01 23556 A1.

Kindly acknowledge receipt of this Statement and make the cited references of record in the subject application.

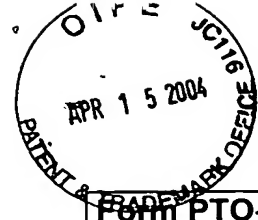
Since the submission of the documents listed on the Form PTO-1449 is made before the mailing of the first Office Action in connection with the above-captioned application, no fee under 37 C.F.R. 1.17(p) is believed to be required. However, should it be determined that a fee is necessary, Applicants authorize the Commissioner to charge Applicants' deposit account no. 09-0089 in an amount necessary to permit consideration of this Information Disclosure Statement.

Respectfully submitted,



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**Form PTO-1449**

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

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SERIAL NO.

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**INFORMATION DISCLOSURE CITATION**
*(Use several sheets if necessary)*

APPLICANT

David J. COSMAN *et al.*

FILING DATE

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GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	B1 WO 98 31811 A1	23 July 1998	WIPO			
	B2 WO 00 75314 A1	14 Dec 2000	WIPO			X
	B3 WO 02 00721 A2	03 Jan 2002	WIPO			
	B4 WO 01 93983 A1	13 Dec 2001	WIPO			
	B5 WO 00 73451 A1	07 Dec 2000	WIPO			
	B6 WO 01 23556 A1	05 Apr 2001	WIPO			X
	B7 WO 01 85790 A2	15 Nov 2001	WIPO			

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

C1	Larsen <i>et al.</i> , "Expression cloning of a human granulocyte colony-stimulating factor receptor: a structural mosaic of hematopoietin receptor, immunoglobulin, and fibronectin domains", <i>Journal of Experimental Medicine</i> 172: 1559-1570, 01 Dec 1990
C2	Maeda and Yaguchi, "Human haematopoietin receptor protein NR10.3", EMBL Database Accession Number AAB51244, 26 March 2001
C3	Sprecher <i>et al.</i> , "Cytokine receptor zcytor17", EMBL Database Accession Number AX365149, 15 Feb 2002
C4	Sprecher <i>et al.</i> , "Isolated polynucleotide encoding a cytokine receptor zcytor17", EMBL Database Accession Number AAB05730, 01 May 2002
C5	Baker <i>et al.</i> , "Secreted transmembrane polypeptides and nucleic acids encoding the same", EMBL Database Accession Number AX358838, 13 Feb 2002
C6	Baker <i>et al.</i> , "Secreted and transmembrane polypeptides and nucleic acids encoding the same", EMBL Database Accession Number AX358839, 13 Feb 2002
C7	National Institutes of Health, Mammalian Gene Collection, GenBank Database Accession Number BF185326, 31 Oct 2000
C8	National Institutes of Health, Mammalian Gene Collection, GenBank Database Accession Number BF210400, 06 Nov 2000
C9	National Institutes of Health, Mammalian Gene Collection, GenBank Database Accession Number BF212748, 06 Nov 2000
C10	National Institutes of Health, Mammalian Gene Collection, GenBank Database Accession Number BF238439, 14 Nov 2000
C11	National Institutes of Health, Mammalian Gene Collection, GenBank Database Accession Number BF238869, 14 Nov 2000
C12	National Institutes of Health, Mammalian Gene Collection, GenBank Database Accession Number BF239183, 14 Nov 2000

EXAMINER

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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*(Use several sheets if necessary)***U.S. PATENT DOCUMENTS**

EXAMINER		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	US 2003/0125520 A1	03 July 2003	Maeda and Yaguchi			
	A2	US 2003/0009018 A1	09 Jan 2003	Maeda and Yaguchi			
	A3	US 2003/0082734 A1	01 May 2003	Dowling <i>et al.</i>			
	A4	US 2002/0048763 A1	25 Apr 2002	Penn <i>et al.</i>			
	A5	US 2002/0198371 A1	26 Dec 2002	Wang			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	C13	Parham, Christi, <i>et al.</i> , "A receptor for the heterodimeric cytokine IL-23 is composed of IL-12R $\beta$ 1 and a novel cytokine receptor subunit, IL-23R", <i>Journal of Immunology</i> , 168(11): 5699-5708; 01 June 2002
	C14	Strausberg, R., "Unknown (protein for IMAGE:4132295) [Homo sapiens]", GenBank Database Accession Number AAH16829, 09 Nov 2001
	C15	National Institutes of Health, Mammalian Gene Collection, GenBank Database Accession Number BF183992, 31 Oct 2000
	C16	National Institutes of Health, Mammalian Gene Collection, GenBank Database Accession Number BF211696, 06 Nov 2000

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